



CONNECTICUT WING / CIVIL AIR PATROL

# 399<sup>th</sup> DANBURY COMPOSITE SQUADRON NEWS

**YANKEE HATTERS**

**SEPTEMBER 2014**

## Major Vigar takes the ALS Ice Bucket Challenge

*Major Peter Milano, Public Affairs Officer/CT-042*

**M**ajor Jim Vigar, Commander of the 399<sup>th</sup> Danbury Composite Squadron (CT-042), accepted the Amyotrophic Lateral Sclerosis (ALS) Ice Bucket Challenge on August 26 and made a few nominations in the process.



**Cadets help Major Jim Vigar take the ALS Association Ice Bucket Challenge.** (Photo: Major Peter Milano)

According to the ALS Website, "Ice Bucket Challenge Donations Reach \$79.7 Million as of August 25, 2014. These donations have come from existing donors and 1.7 million new donors to The Association."

For more information about ALS visit:

[www.alsa.org](http://www.alsa.org)

To see who Major Vigar challenged, more photos and a video of the ice dump visit:

<https://www.facebook.com/399DanburyCAP>

## CADET AWARDS & PROMOTIONS



**First Lieutenant**  
**Administrative Officer**  
**Scott Padron**



**Chief Master Sergeant**  
**Goddard Achievement**  
**Stephen Bruno**



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### Chaplain's Corner

*Captain James A. Solomon, Chaplain/CT-042*

A woman walked into her bathroom at home. As she did, she saw her husband weighing himself on the bathroom scales, sucking in his stomach. The woman thought to herself, "He thinks that he will weigh less by sucking in his stomach." So, the woman rather sarcastically said to her husband, "That's not going to help." Her husband said, "Sure it will. It's the only way I can see the numbers."

How are you doing with your "numbers?" If you were an eight out of 10 in a particular area of your responsibilities, what are you doing or what can you do to progress to a nine? Continuous improvement not only keeps us from being bored in what we are called to do but also allows us to inspire others to at least do their part in contributing to the goals set by a team. Why not evaluate where you are and take steps to move to where you need to be not only for your own growth but others' well-being?

***Serving with you!***



### It's Not in the Limitations Section

*Captain Johnny Burke, Stan/Eval Officer/CT-042*

I was flying out west this August where it was over 100 degrees every day. Everyone kept talking about shutting the Cessna 182 operation down when the temperature hit 104 degrees F, which it did regularly in the afternoon.

I didn't recall a temperature limit in the limitations section of the Cessna 182 POH, so I asked why they couldn't take off if the temperature exceeded 104 F.

It turns out the answer is in the take-off data chart. The highest temperature listed in the Cessna 182 take-off data chart is 40 C, which is 104 F. That means there is no take-off data available for the Cessna 182 at temperatures above 104 F. With no take-off data, we couldn't make a legal take-off.

Another example would be a tailwind on take-off. There is no take-off data available for a take-off with a tailwind in excess of 10 knots in the Cessna 182, but that does not appear in the Limitations Section of the POH.

The bottom line: not every limitation is in the Limitations Section!



## Connecticut State Representative Janice Giegler Flies with Connecticut Wing

*Major Peter Milano, Public Affairs/CT-042*



**W**hile conducting a patrol flight over Long Island Sound in July with Civil Air Patrol, Connecticut State Representative Janice R. Giegler (138<sup>th</sup> District, Danbury, New Fairfield and Ridgefield) and pilot-in-command Lieutenant Colonel Sandy Sanderson (399<sup>th</sup> Danbury Squadron) located and rendered assistance to a boater in distress.



**Connecticut State Rep. Janice R. Giegler  
(138th District, Danbury, New Fairfield and Ridgefield)  
and Lieutenant Colonel Sandy Sanderson (CT-042).**

(Photo: Major Peter Milano)

Most of the three hour mission over Long Island Sound on July 19 was uneventful for the Connecticut Wing aircrew of the CAP Cessna 182. “Earlier in the flight, we saw very little activity on the water; hardly any sailboats at all, a few powerboats and those appeared mostly to be fishing, a couple of small tankers swinging on their hooks, and the Port Jefferson and Orient Point ferryboats operating as normal,” said Sanderson. As evening approached, the flight turned west to return to mission base at Danbury Municipal Airport, Danbury, Connecticut. Suddenly the crew heard a “weak and garbled transmission” from a vessel in distress. Sanderson relayed the message that a vessel was dead in the water and requesting assistance to U.S. Coast Guard Sector Long Island, and then proceeded to the disabled crafts reported position.

The Civil Air Patrol aircrew located the vessel near the south end of the Connecticut River and provided its location to the Coast Guard. “The boat captain was sort of excited as he was drifting near a rocky jetty and had his wife and two children on board. We got him calmed down and the Coast Guard squared him away about getting help,” said Sanderson. The Civil

*(Continued on page 4)*



(Continued from page 3, Connecticut State Representative Janice Giegler Flies with Connecticut Wing)



**Connecticut State Representative Janice R. Giegler  
(138th District, Danbury, New Fairfield and Ridgefield)  
in the cockpit of a Civil Air Patrol Cessna 182.**

(Photo: Major Peter Milano)

Air Patrol aircrew remained in orbit over the disabled boat until a helper vessel, Prudence, arrived on the scene. With the safety of the boaters assured, the flight cleared the area and headed home. "At that point we were not needed any longer, so we left our orbit, climbed away and returned to Danbury Airport," said Sanderson.

Representative Giegler is a major in Civil Air Patrol's Connecticut Legislative Squadron and a staunch supporter of Civil Air Patrol and the missions Connecticut Wing conducts in support of the State. Lieutenant Colonel Sanderson said Representative Giegler, serving as the spotter, provided valuable help during the incident. "She kept the vessel in sight and kept me well informed on what was happening, including the arrival of the helper vessel."

Civil Air Patrol's Connecticut Wing conducts aerial safety patrols over Long Island Sound on weekends during the summer months in support of the U.S. Coast Guard. On typical weekends Long Island Sound is busy with recreational boaters and this incident serves as a reminder of the risks of going out on the Sound. A key feature of Connecticut Wing's operation is to provide aerial identification of vessels in distress and convey that information to the Coast Guard in order to ensure a rapid response to those in danger.

**For Squadron Pictures Visit**  
[Squadron Picasa Web Albums](#)

**Or on Facebook**

[399th Danbury Composite Squadron](#)

*Access back issues of 399th Danbury  
Composite Squadron News online.*

**- [399th NEWS](#) -**





## Heads Up! for September 2014

Bob Kelly, EPA Meteorologist



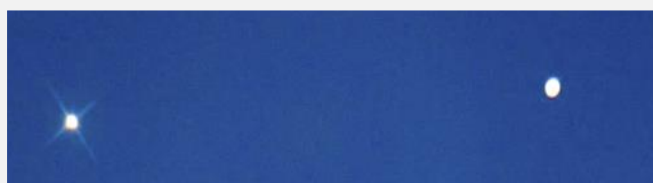
If you missed last month's close conjunction of Venus and Jupiter, the two brightest planets, you missed a neat scene. The two planets together looked like cat's eyes glowing low in the east-northeastern sky. No telescope needed for this great view!



### Venus (l) and Jupiter (r) in August

A portion of a photo taken with a Canon XS Rebel camera (no telescope). Settings: f 5.6 55mm zoom lens, 2 second exposure at ISO-400, camera on the tripod, which shows how this scene would look to the average person, with no optical aid. (Photo: Bob Kelly)

However, here's the view through the telescope ...



### Venus (l) and Jupiter (r) in August

Canon XS Rebel at prime focus of 200mm Dobsonian telescope. Camera settings: ISO eq 800, 1/20 second exposure. For Jupiter, a longer exposure shows the moons better & with a shorter exposure you can't see the moons, but you can see the two main darker cloud bands. At this exposure, you can either see both the moons and the bands or neither. (Photo: Bob Kelly)

Since Venus' (on the left) brightness has saturated the camera, it's hard to tell that Venus is six times brighter than Jupiter (on the right). Jupiter, even though it is several times farther away, appears in a telescope to be three times larger.

This month, for those going back to school, you might say the brighter planets are working in the margins of our paper, except for Jupiter, which gets higher in the eastern sky each day, making it easy to see as late as 45 minutes before sunrise each clear, morning. This makes Jupiter suitable for pointing out to fellow commuters on the way to work. If you're up early with your telescope, a few minutes spent observing Jupiter; its dancing moons and neat cloud belts will brighten your day.

As for the other bright planets, Venus will continue to be brilliant, but low in the east as sunrise moves past 7a.m. You should also go out in the evening and look low in the southwest, to the left of where the sun just set. Mars and Saturn will make lovely changing patterns, along with stars Antares and Spica. Mercury will be hard to see, even when 26 degrees away from the Sun in the evening sky

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*(Continued from page 5, Heads Up! for September 2014)*

around September 21.

When Mars moves near Antares in the sky early in September, does Antares live up to its name ‘rival of Mars’? Does one look brighter than the other? Officially, they are about the same magnitude this month. Mars looks very tiny, even in a telescope, appearing only twice as wide as Uranus, so details are hard to see even in a telescope.

Saturn will be sliding into the twilight, but its rings continue to reward persistent followers. Saturn will have an additional neighbor in early September, a +7.8 magnitude star looking like an additional moon.

After last month’s close pass of Jupiter, Venus will do a lesser, but still notable pass within a degree of the magnitude -0.6 star Regulus around September 5. You may need binoculars to find Regulus with Venus so low in the morning twilight.

The next few months will be good to find Neptune is up in the sky after sunset, with Uranus following afterwards.

This is a great month for observing the

last quarter moon, since it is high in the morning sky around mid-month. For much of the lunar month, circular Mare Imbrium, a giant, ancient impact basin, can be viewed with binoculars or without optical aid at all. But just after first quarter or before last quarter moon is a good time to crank up the power on your telescope to look for Hadley Plain where Apollo 15 landed, a tiny notch in the large, curving Apennine Mountain range that marks the rim of the Mare Imbrium impact. This month’s full moon, on the evening of September 8, is only 22 hours after perigee. Watch out for higher-than normal tides around that date, and hope for no hurricanes making land-fall.

On moon-less evenings, well after sunset, the Milky Way looks like a faint cirrus cloud stretching across the sky. The International Space Station arcs across our area’s skies during the morning twilight from September 11 through the rest of the month.

The length of daylight decreases at its fastest rate around the equinox, which occurs at 10:29pm ET on September 22.

**For more sky news visit Bob’s blog**

**[bkellysky.wordpress.com](http://bkellysky.wordpress.com)**



**SUBJECT: America's PrepareAthon! Gets You Prepared for Disasters****Civil Air Patrol National Headquarters****Reply To: [NPM@capnhq.gov](mailto:NPM@capnhq.gov)****National Disaster Preparedness Month**

As extreme weather events continue to strike our nation, preparedness should be a year-round activity. In 2012, FEMA conducted a survey and found that despite the increase in weather-related events, nearly 70 percent of Americans had not participated in a disaster preparedness drill or exercise at home, school, or work within the past year.

America's PrepareAthon was designed to change this statistic!

America's PrepareAthon! is a grassroots campaign for action to encourage individuals, organizations and communities to prepare for specific hazards through drills, group discussions and exercises. The campaign urges individuals and organizations to take simple, specific actions to increase preparedness for a disaster.

This fall, National PrepareAthon! Day takes place on September 30 to complement and support National Preparedness Month. This year's theme is "Be Disaster Aware, Take Action to Prepare." Join millions of Americans who will bring attention to the importance of preparedness, build awareness of local hazards, and encourage individuals and communities across the country to practice preparedness actions.

America's PrepareAthon! provides a variety of free resources and guides to help workplaces, schools, houses of worship, community-based organizations, and the whole community practice specific preparedness activities necessary to stay safe before, during, and after an emergency or disaster.

Civil Air Patrol recognizes the importance of preparedness, and is committed to keeping you and your loved ones safe. We encourage every member and their families to participate in

*(Continued on page 8)*

(Continued from page 7, America's PrepareAthon! ...)

America's PrepareAthon! because being prepared for disasters is a shared responsibility. It takes the whole community working together to effectively withstand and recover from natural disasters.

Participating in America's PrepareAthon! is easy. There are simple actions you can take right now to participate. For example; sign up to receive local alerts and warnings. Receiving timely information makes a major difference in knowing when to take action to be safe – whether at home, school or on the job. The *Be Smart - Know Your Alerts and Warnings* guide, located on the America's PrepareAthon! Website, provides valuable information about emergency notification systems and how to stay safe.

Join the movement! Once you've decided how you plan to participate, be sure to register your activities on the website at [www.ready.gov/prepare](http://www.ready.gov/prepare). CAP members and units are encouraged to participate.

To find out more about National Preparedness Month and America's PrepareAthon! go to [www.ready.gov](http://www.ready.gov).

## SCHEDULE & TRAINING OPPORTUNITIES

### Cadet Rifle Safety and Marksmanship

Session 2; September 13  
Oakdale, CT

### Cadet Ball

September 20 (tentative)  
U.S. Coast Guard Academy

### Commander's Call & CAC Meeting

October 1: Middletown, CT

### Northeast Region Aerospace Education Officers Course

October 16-18  
Bradley Airport, Windsor Locks, CT

### Combined Connecticut Wing, Northeast Region Conference

October 17-19  
Bradley Airport, Windsor Locks, CT  
See flyer on page [12](#)

### Northeast Region Staff College

October 18 to 25  
Joint Base McGuire/Dix/Lakehurst, NJ  
<http://www.ner.cap.gov/nersc/>

See page [14](#) for meeting date details, including uniform of the day!

### Officers & Cadets

Submit your news and events for publication to [pao@399cap.org](mailto:pao@399cap.org)

Deadline for the October issue is Sept. 28





## 2014 Bridgewater Country Fair

Cadets, parents and senior officers parked vehicles August 15-17 in support of the Bridgewater Fair.

**Thanks to all who volunteered their time!**



See photos on pages [10](#) & [11](#)



### 399<sup>th</sup> Staff

Commander	Major James Vigar
Advisor to Commander	Lt. Col. Peter Sanderson
Chaplain	Captain James Solomon
Administration	SM Christina Posca
Aerospace Education	Capt. Ralph Langham
Communications	1 <sup>st</sup> Lt. Jeffrey Jenkins
Deputy Commander	Capt. Joseph Bisnov
Deputy Cmdr. Cadets	Capt. Greg Sweeney
Drug Demand Reduction	2d Lt. Andrew Luckey
Emergency Services	Capt. Greg Sweeney
Finance	Capt. Joseph Bisnov
Maintenance/Operations	Capt. John Freeman
Professional Development	Major Glen Dains
Public Affairs/News	Major Peter Milano
Recruiting/Retention	1 <sup>st</sup> Lt. MaryEllen Trohalis
Safety	Capt. James McLaughlin
Supply Officer	2d Lt. Gabriel Florio
Standardization/Evaluation	Capt. Johnny Burke
Transportation	1 <sup>st</sup> Lt. Jeffrey Jenkins





## 399th at the Bridgewater Country Fair - August 2014

Bridgewater, CT



(Photos: Major Peter Milano)





## 399th at the Bridgewater Country Fair - August 2014

Bridgewater, CT



(Photos: Major Peter Milano)







## **Come Join Us at the Civil Air Patrol's Joint Connecticut Wing – NER Conference Sheraton Bradley Airport 17-19 October 2014**

**A Cadet Conference will be held onsite at the Sheraton with an optional visit to the New England Air Museum nearby with overnight guests staying at the Sheraton Bradley Airport in Windsor Locks, CT**

**Special Guests include: CAP National Commander Maj Gen Joseph R. Vazquez & National Vice Commander Brig Gen Lawrence Myrick and Ms. Mary Feik!**

**There will be:**

**Great educational sessions, annual awards presentation, a cadet conference, cadet aerospace education contest and a banquet on Saturday evening featuring the 102<sup>nd</sup> U.S. Army Dinner Band!**

**Senior Member Professional Development Courses: UCC, TLC, SR IG Course & AEO Course!**

**Many more exciting activities and speakers will be announced in the near future!**



**Don't Miss Out! Details may be found on the CTWG website –  
<http://ctwg.cap.gov/2014-ctwg-ner-conference.html>**

**[2014 Joint Connecticut Wing & Northeast Region Conference Web Page](#)**





# AEROSPACE EDUCATION

## 2014 CTWG Conference Cadet AE Competition

**TOPIC:** WHERE DO YOU SEE SPACE EXPLORATION IN THE WORLD 20 YEARS FROM NOW?



This year's CTWG-NER Conference will feature a "blast from the past" - the cadet aerospace education contest between wing squadrons which will be judged at the conference by a panel of CAP officers. Each team may have a minimum of 2 members and a maximum of 6 members plus 1 SM.

**Project:** Each team will create a model based project that illustrates the team's theory on the topic above, this project includes both visual aids and a short essay. The project must be all original with all material used listing its sources, visual aides should be creative, use your imagination!



**Rules:** Each squadron must register their team's cadet members and senior member advisor with the contest OIC, Maj Meghan Brownell, before the start of the competition. All cadets on the team **MUST** attend the conference and be at their station when the project is judged.

**Judging:** Each project will be judged on the quality of the model, essay content and knowledge of the team members and its overall creativity which will be judged on a scale of 1-10.

- Team project
- 2-6 cadets per team
- Visual Aids
- Short Essay
- Min 3 paragraphs
- Max 2 pages
- Cost less than \$100
- All sources must be cited
- Each member of the winning team will receive a CAP Achievement Award

For further details contact:

Major Meghan Brownell  
cdtaecontest@ctwg.cap.gov  
www.ctwg.cap.gov



**SEPTEMBER 2014 CALENDAR**

9/02	Squadron Meeting	BDUs	399th HQ	6:30 p.m. - 9:00 p.m.
9/09	Squadron Meeting	PTs	399th HQ	6:30 p.m. - 9:00 p.m.
9/16	Squadron Meeting	Blues	399th HQ	6:30 p.m. - 9:00 p.m.
9/23	Squadron Meeting	BDUs	399th HQ	6:30 p.m. - 9:00 p.m.
9/30	Squadron Meeting	BDUs	399th HQ	6:30 p.m. - 9:00 p.m.

**399<sup>th</sup> Contact Information**

Civil Air Patrol  
399<sup>th</sup> Danbury Composite Squadron  
21 Miry Brook Road  
Danbury, CT 06810



**Facebook:** <https://www.facebook.com/399DanburyCAP>

**Website:** <http://399cap.org/> **E-mail:** [pao@399cap.org](mailto:pao@399cap.org)

**Submission Guidelines**

Send submissions in Microsoft Word format or in the body of your email: [pao@399cap.org](mailto:pao@399cap.org)

Edit copy according to Associated Press Style.

Photos should be sent as attachments in JPG format and must meet uniform compliance.

Identify all persons in photo's and include credits.

**Deadline for the October 2014 issue is 28 September**

Civil Air Patrol, the official auxiliary of the U.S. Air Force, is a nonprofit organization with 60,000 members nationwide, operating a fleet of 550 aircraft. CAP, in its Air Force auxiliary role, performs about 85 percent of continental U.S. inland search and rescue missions as tasked by the Air Force Rescue Coordination Center and is credited by the AFRCC with saving an average of 70 lives annually. Its unpaid professionals also perform homeland security, disaster relief and drug interdiction missions at the request of federal, state and local agencies. The members play a leading role in aerospace education and serve as mentors to more than 25,000 young people currently participating in the CAP cadet programs. Performing missions for America for over 70 years, CAP will receive the Congressional Gold Medal in 2015 in honor of the heroic efforts of its World War II veterans. CAP also participates in Wreaths Across America, an initiative to remember, honor and teach about the sacrifices of U.S. military veterans.

[www.gocivilairpatrol.com](http://www.gocivilairpatrol.com) [www.capvolunteernow.com](http://www.capvolunteernow.com) [www.capgoldmedal.com](http://www.capgoldmedal.com)

